

Play: 3113 *Southern Williston Basin Margin - Niobrara Shallow Biogenic*
Province: 31 Williston Basin **Play Type** continuous-type gas
Geologist: Schmoker, J.W. **Status:** hypothetical

Play Probability: 0.75

Cells:	Cell Size:	320 acres	0.5 sq mi
	Area of Play:	30,000 sq mi	60,000 cells
	Productive Cells:	0	Tested Nonproductive Cells: 10
	Untested Cells:	<u>minimum</u>	<u>median</u>
		50	59,990
		<u>maximum</u>	<u>mean</u>
		180,000	68,752
			<u>distribution</u>
			bell-shaped

Success Ratio for Untested Cell 0.33

EUR Distribution for Untested Cells (MMCF):

<u>F100</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F0</u>	<u>mean</u>
>0	6	25	77	160	290	538	111

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NGL/Gas Ratio:	0 bbl/MMCF	API Gravity:
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Depth (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>	<u>mean</u>
	500	1,000	1,800	1,000

Fraction of Untested Cells to Be Tested by Wells Primarily Targeted for:

<u>the play itself</u>	<u>a deeper horizon</u>	<u>a shallower horizon</u>
0.60	0.40	0.00

Fraction of Play with "Tight" FERC Designation: 0.00

Fraction of Wells Likely to Be Stimulated: 0.95

Potential Reserve Additions:

NGL (MMBNGL)

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	0.00	0.00	0.00	0.00	0.00

Gas (BCFG)

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	1,755.82	2,760.58	4,838.12	1,894.32	1,646.97